

EXTENDED LIFE ELECTRONIC TAGS

Abstract of the Disclosure

The invention is a method of packaging an electronic tag. The method includes heating the electronic tag to remove contaminants from an internal volume. The internal volume is filled with a potting material and is hermetically sealed within an outer shell.

The invention is a method of positioning an electronic tag in a tubular member. The method includes positioning an electronic tag in a slot formed in an inner wall of the tubular member. The slot is filled with a potting material that adhesively bonds the electronic tag to the slot.

The invention is an electronic tag apparatus. The apparatus comprises a slot formed at a selected azimuthal location in an inner wall of a tubular member. An electronic tag is disposed in the slot. A potting material is disposed in the slot, and the potting material forms a barrier between the electronic tag and the inner wall of the tubular member and adhesively bonds the electronic tag to the slot.

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